

Amendments to the Specification:

Please amend page 4, lines 9-19 as follows:

Summary of the Invention

In one aspect of the invention there is provided ~~a method for the detection of~~ an assay for determining ~~the level~~ amount of prostacyclin in a plasma sample comprising:

- (1) providing a plasma sample on a surface coated with an anti-immunoglobulin antibody;
- (2) incubating the plasma sample with an effective amount of an anti-6-keto-PGF_{1 α} primary antibody, a secondary anti-6-keto-PGF_{1 α} antibody and 6-keto-PGF_{1 α} -acquerin conjugate;
- [[(2)]] (3) removing any unbound primary antibody and 6-keto-PGF_{1 α} -aequerin conjugate ~~from the plasma sample~~ following incubation; and
- [[(3)]] (4) measuring and correlating light intensity of the plasma sample with amount of prostacylin within the plasma sample.